ARCHITECTURAL SPECIFICATIONS
PANASONIC ADVANCED VENTILATION SERIES

WhisperGreenSelect™ VENTILATION FAN

CEILING MOUNTED VENTILATION FANS WITH LED LIGHT

FV-05-11VKL1 WhisperGreen Select™ – 50-80-110 CFM Fan/LED Light, Ceiling Mount, Single Speed

Customizable Ventilation Fan/Light shall be ceiling mount, ENERGY STAR® rated type with built-in speed selector. Select from 50/80/110 CFM and no more than <0.3/<0.3/0.4 sone as certified by the Home Ventilating Institute (HVI) at 0.1 w.g. with no less than 53/86/114 CFM and no more than <0.3/0.6/0.9 sones at .25 w.g. Power Consumption shall be no greater than 4.0/6.0/11.1 watts at 0.1 w.g. and 7.0/11.1/18.0 watts at 0.25 w.g. ENERGY STAR® rated with efficiency of no less than 12.8/13.3/9.9 CFM/watt at 0.1 w.g. and than 7.7/7.7/6.3 CFM/watt at 0.25 w.g. The motor shall be enclosed with brushless DC motor engineered to run continuously. DC motor speed shall automatically increase when the fan senses static pressure to maintain selected CFM. Power rating shall be 120v/60Hz. Duct diameter shall be no less than 4", inclusive of an integrated dual 4" or 6" duct adapter. **Plug 'N Play™ modules** provide up to three features. Select from Multi-Speed with Time Delay, Condensation Sensor, LED Night Light and Motion Sensor. Fan shall be UL and cUL listed for tub/shower enclosure when used with a GFCI protected circuit. Fan can be used to comply with ASHRAE 62.2, LEED, ENERGY STAR®, IAP, EarthCraft, California Title-24 and WA Ventilation Code. Lamps shall be of the LED type with the fan utilizing no less than two 7 Watt, ENERGY STAR® rated, GU24 base LED lamps.

Plug 'N Play™ Modules

FV-VS15VK1: Multi-Speed with Time Delay

Allows you to select the proper CFM settings to satisfy ASHRAE 62.2 continuous ventilation requirements. The fan runs continuously at a pre-set lower level (0, 30-100 CFM, in 10 CFM increments on 50-80-110 CFM models; or 0, 50-120 CFM, in 10 CFM increments on 110-130-150 CFM models), then elevates to a maximum level of operation (50-80-110 or 110-130-150 CFM) when the wall switch is turned on, or when the motion sensor or Condensation Sensor module is activated. A High/Low delay timer returns the fan to the pre-set CFM level after a period of time set by the user.

FV-MSVK1: Motion Sensor

Automatically activates when someone enters the room. Once the settings have been applied, the fan becomes truly automatic. This module also activates a 20 minute delay off timer for the fan.

FV-CSVK1: Condensation Sensor

Helps control bathroom condensation to prevent mold and mildew. Sensor technology detects relative humidity and temperature to anticipate dew point, automatically turning the fan on to control humidity. Built-in Relative Humidity (RH) sensitivity adjustment enables fine tuning for moist conditions and for satisfying CalGreen requirements. When the condensation sensor is used in conjunction with multi-speed functionality, the fan will kick up to high speed when the condensation sensor detects moisture in the room. This module also activates a 20 minute delay off timer for the fan.

FV-NLVK1: LED Night Light

A photocell automatically turns on the 1 watt LED night light when darkness is sensed in the room. High/Low brightness switch enables you to fine tune the photocell to work in conjunction with the darkness level of your bathroom. This module also activates an automatic 20 minute delay off timer for the fan.